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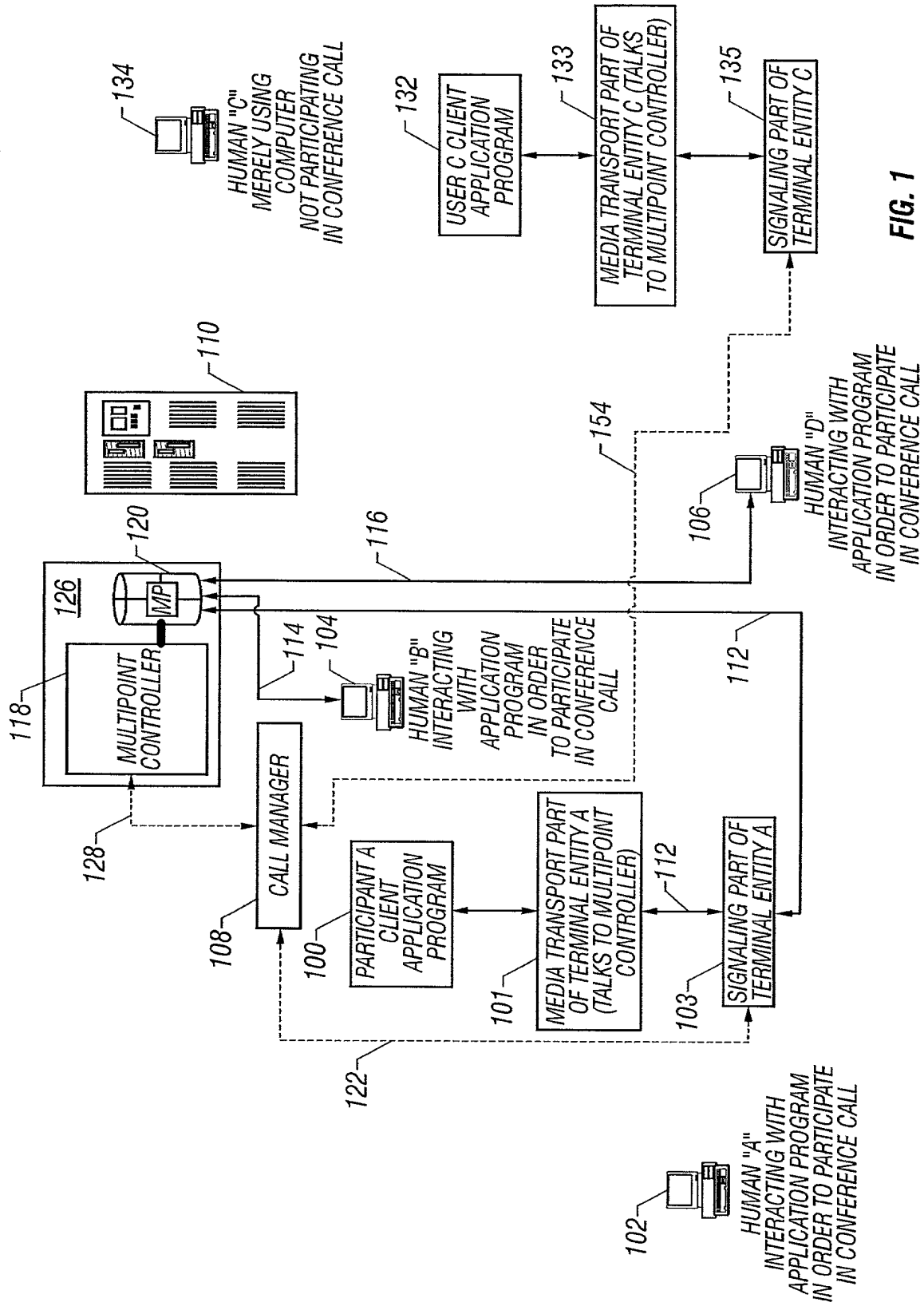


FIG. 1

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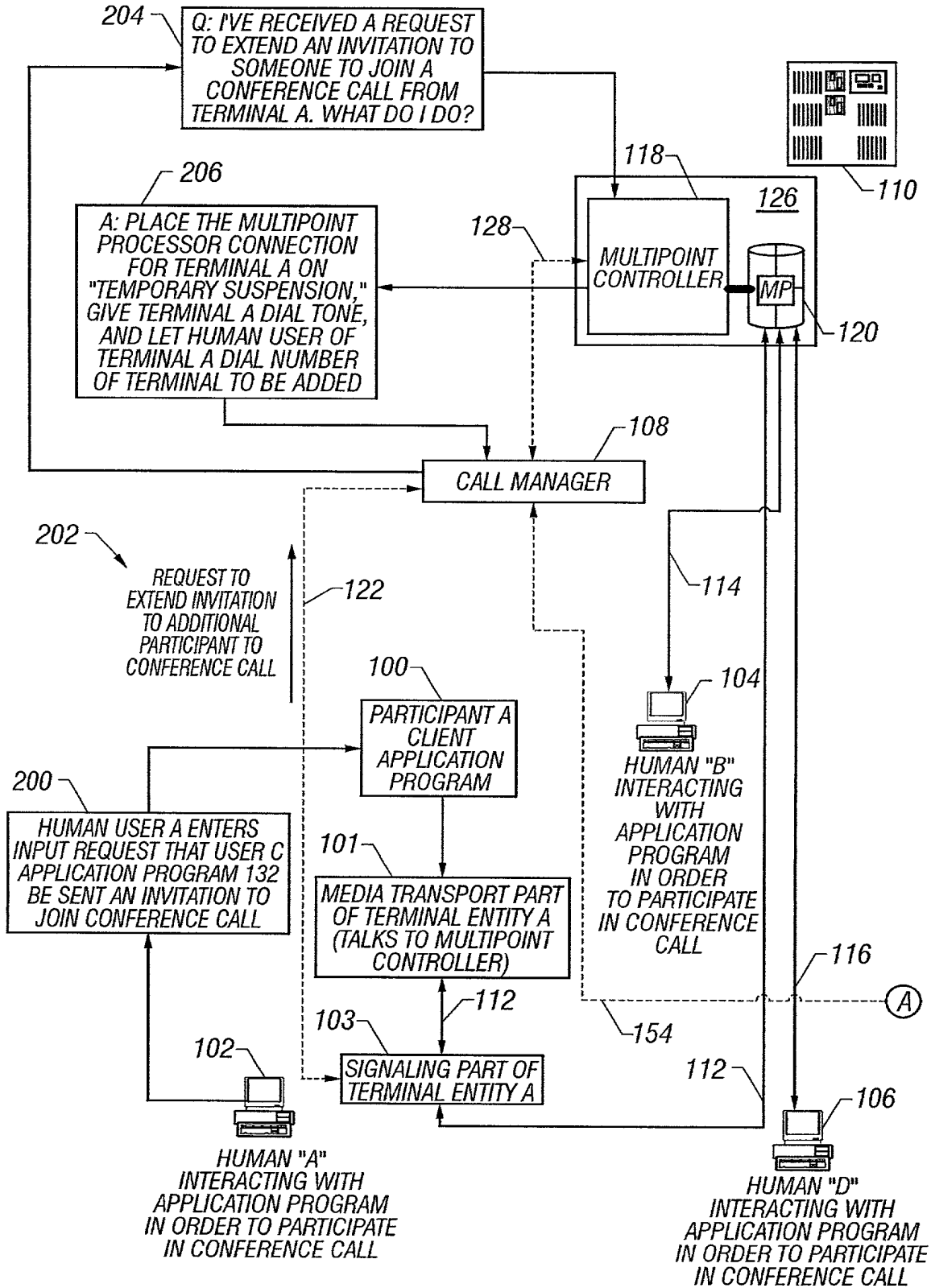


FIG. 2A

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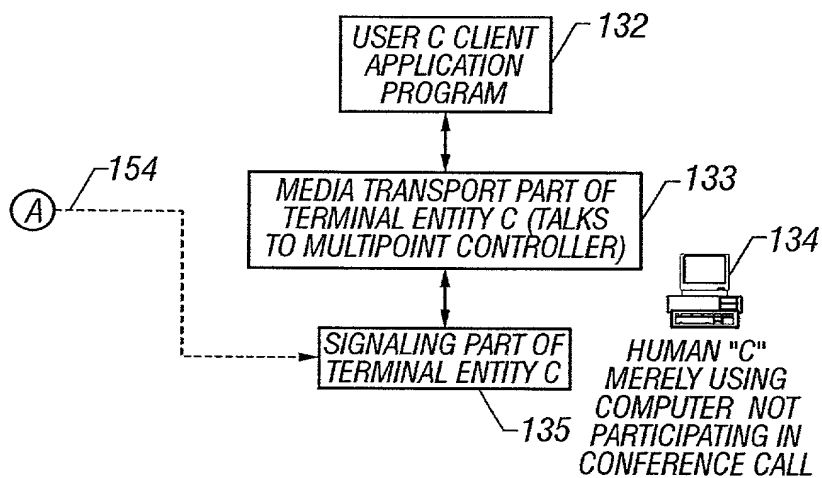


FIG. 2B

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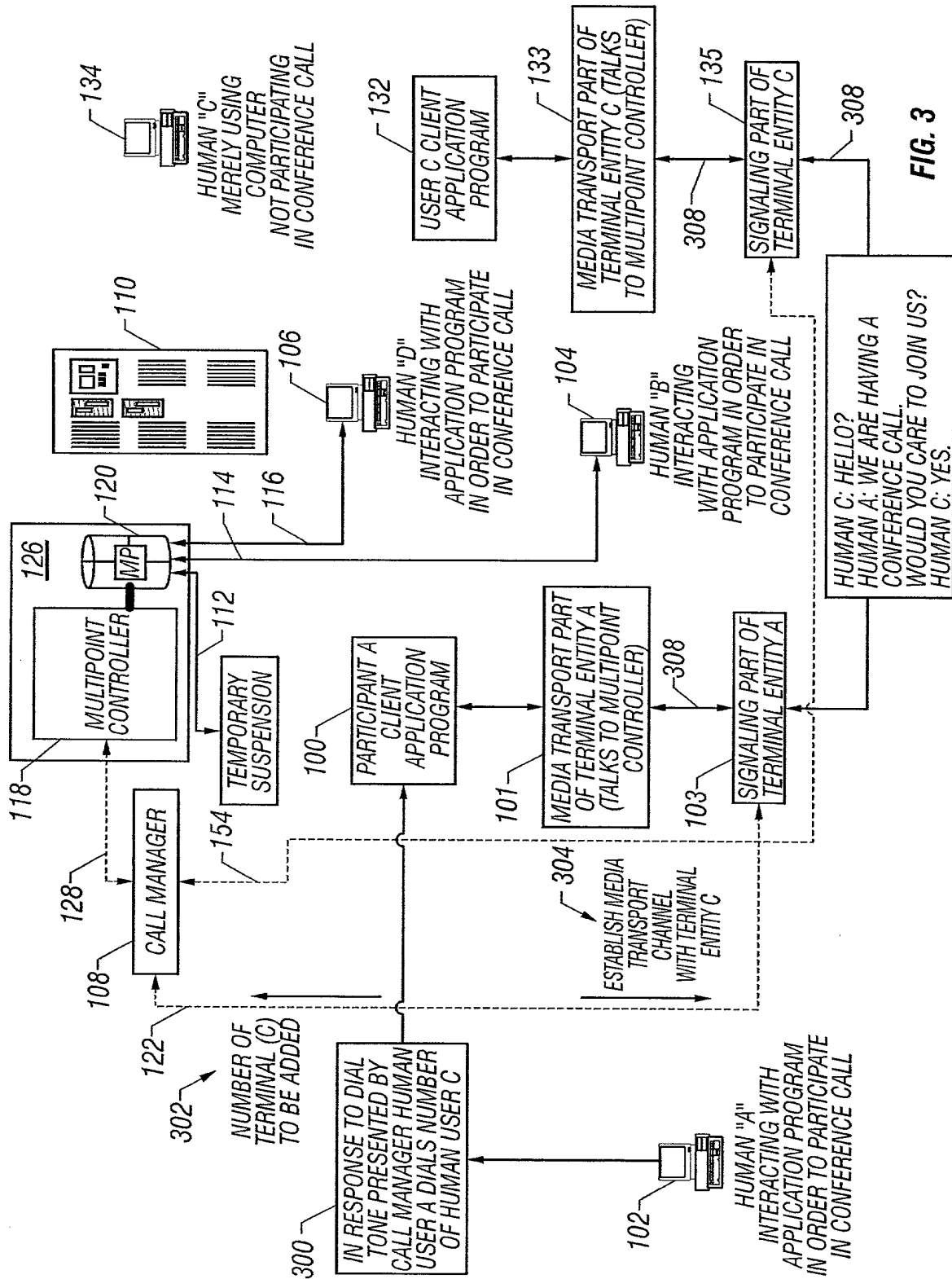
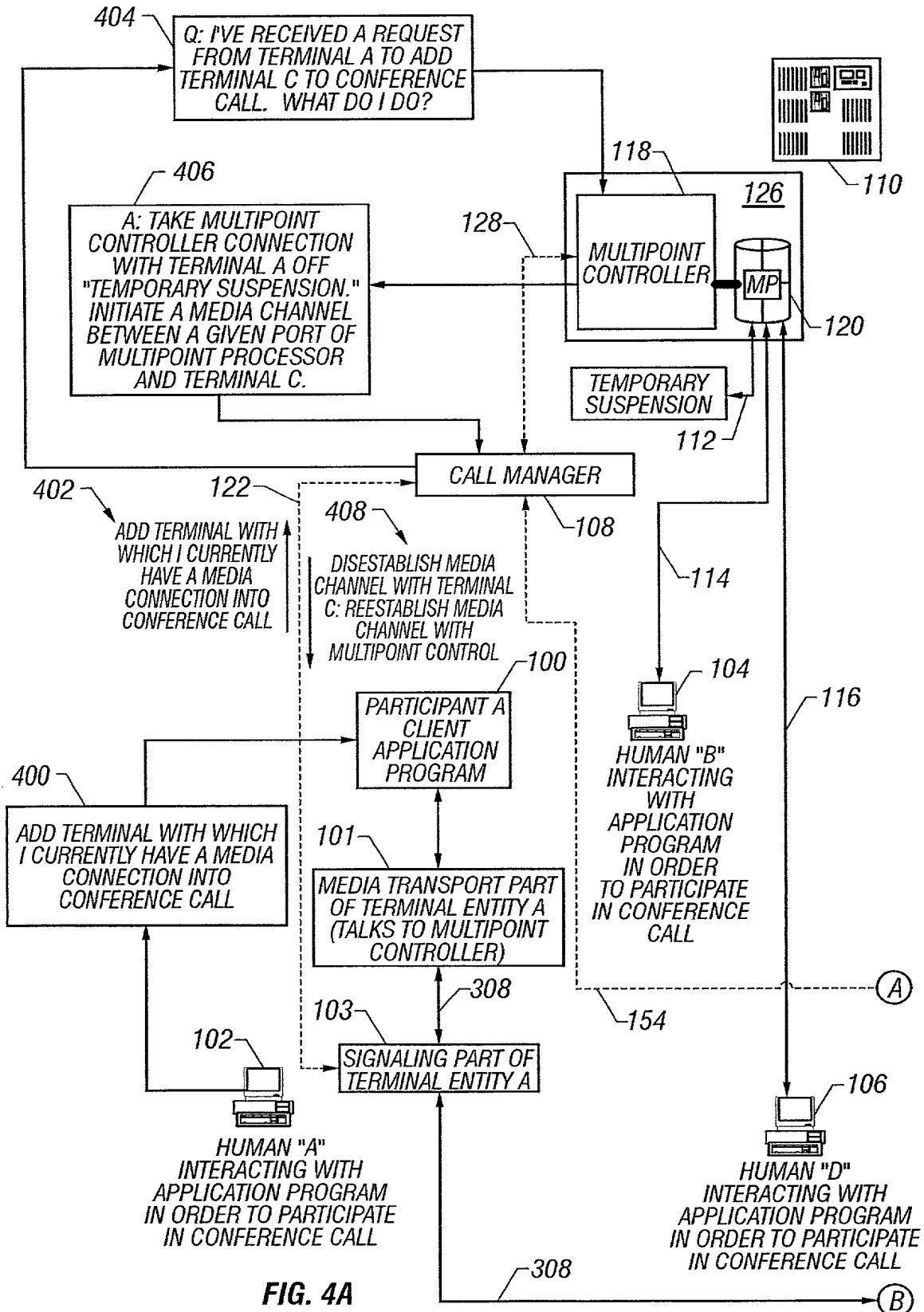
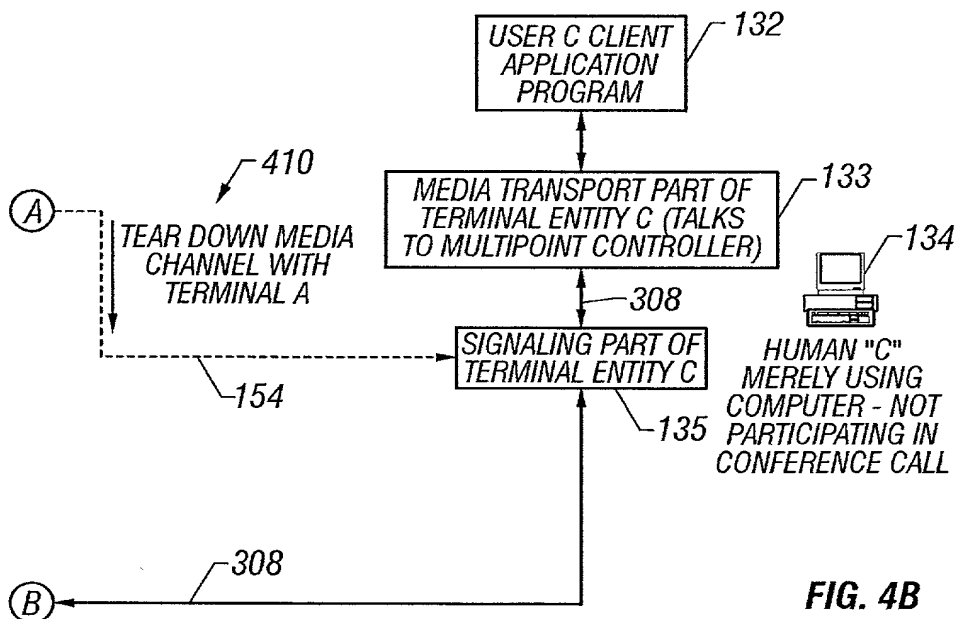


FIG. 3

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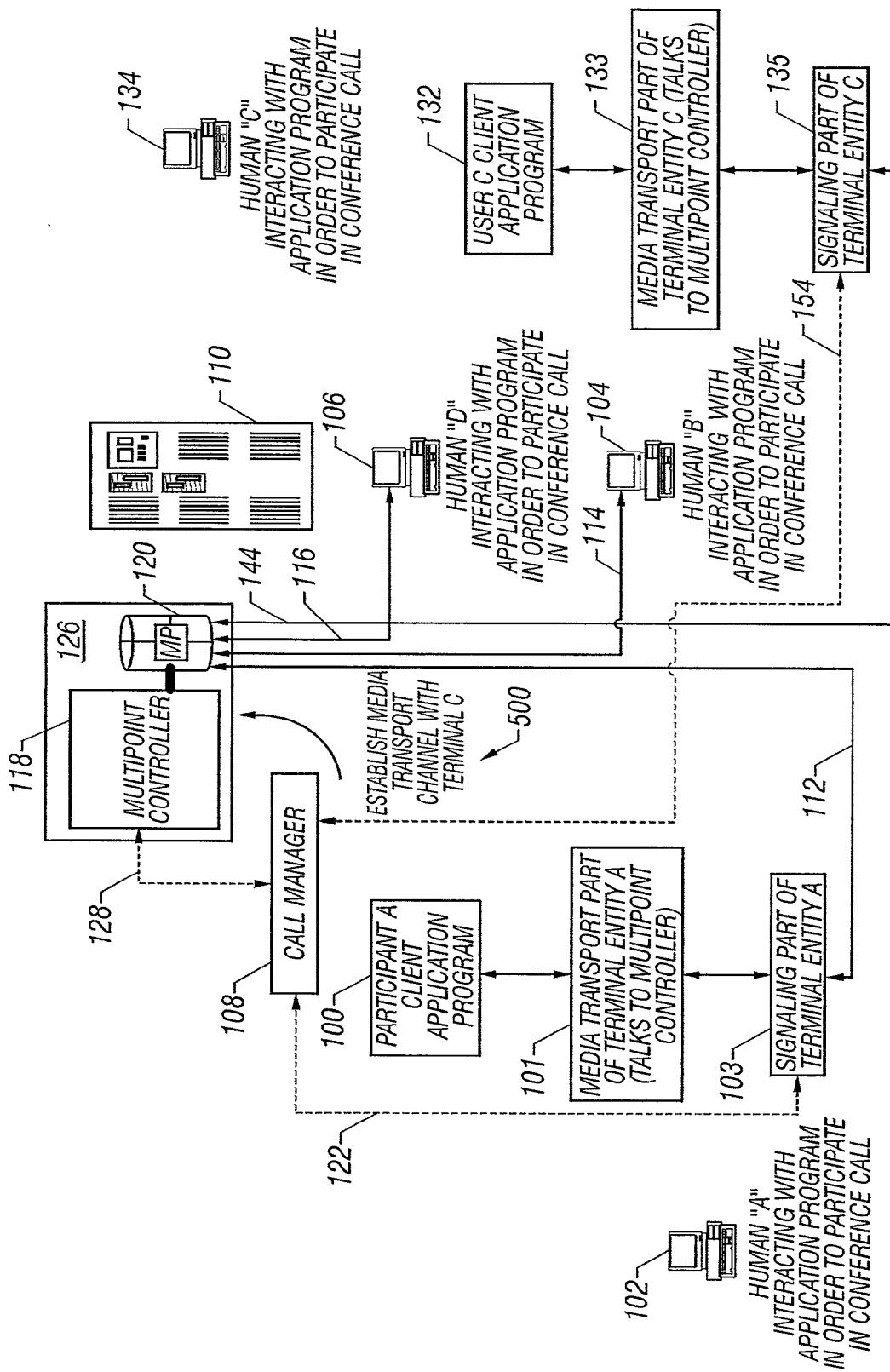


FIG. 5

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**FIG. 6A**



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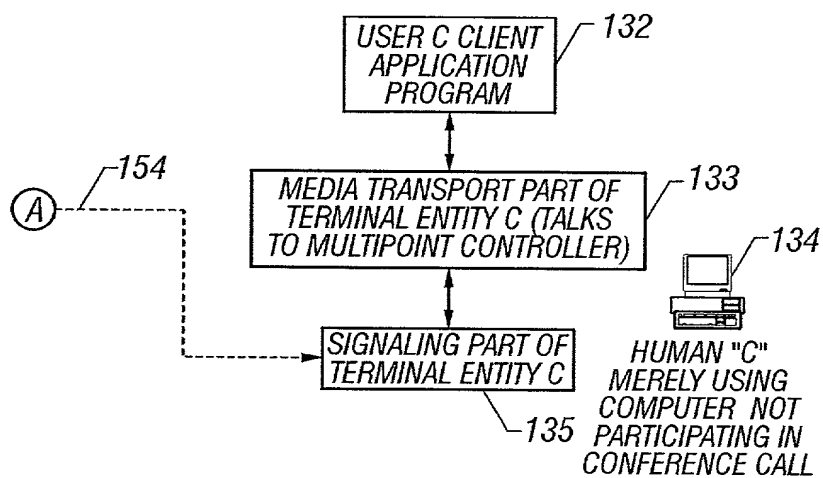


FIG. 6B

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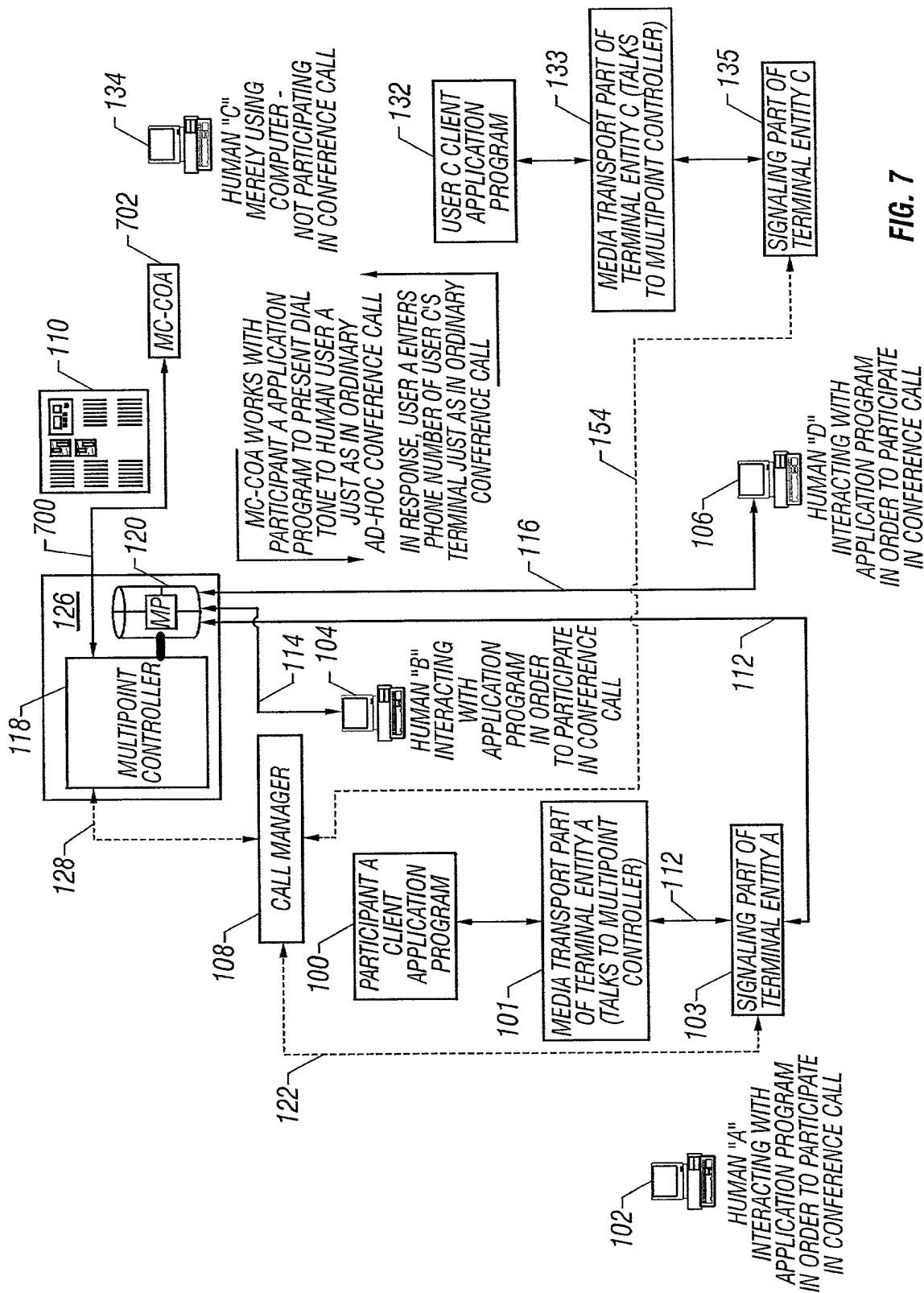


FIG. 7

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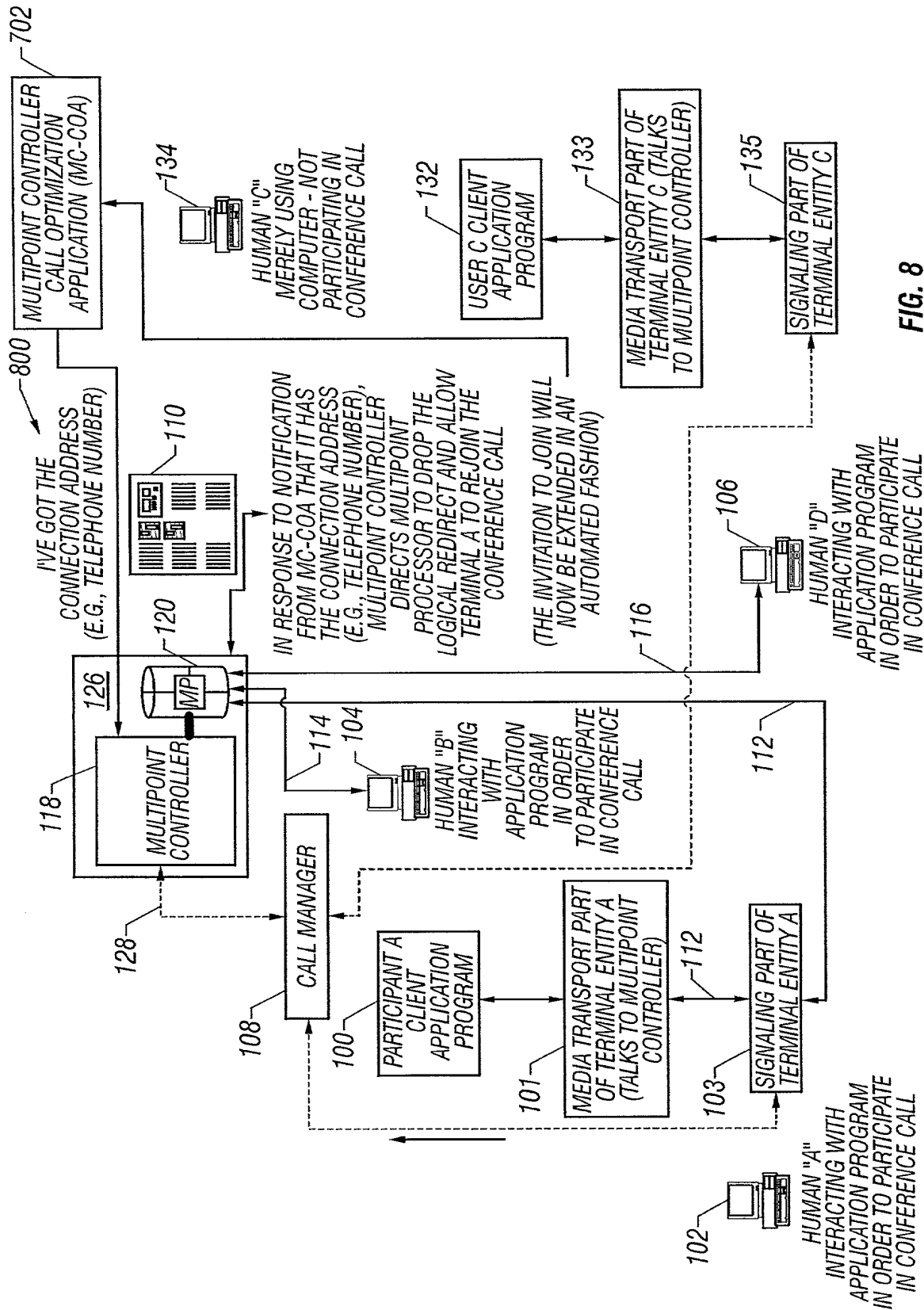


FIG. 8

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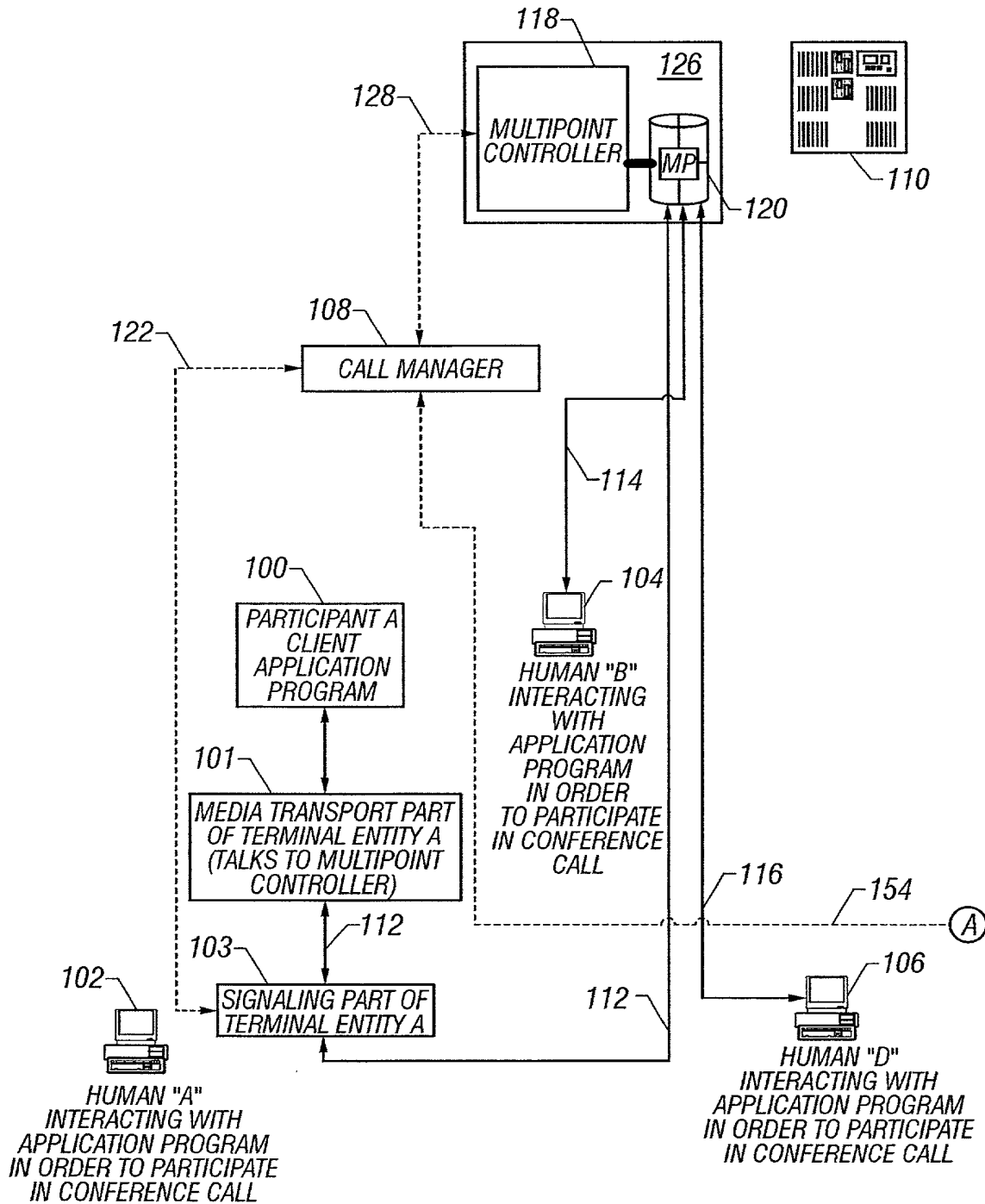


FIG. 9A

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902

702  
MULTIPOINT CONTROLLER  
CALL OPTIMIZATION  
APPLICATION (MC-COA)

DIRECTORY TO ASSOCIATE CONNECTION  
ADDRESSES (E.G., TELEPHONE NUMBERS)  
OF TERMINALS TO BE ADDED TO CONFERENCE  
CALL WITH NON-MEDIA-TRANSPORT-CHANNEL  
-SUPPORTING CONNECTION ADDRESSES (E.G.,  
DIFFERENT TYPE PROTOCOL NETWORK  
ADDRESSES) OF A COMPUTER HAVING THE  
TERMINALS TO BE ADDED (E.G., RESOLVE  
TELEPHONE NUMBER OF TERMINAL ENTITY C  
TO THE IP ADDRESS OF COMPUTER 134  
HOUSING NETWORK TERMINAL ENTITY C  
AND/OR AN INSTANT MESSAGING SERVICE  
IDENTIFIER)

900

SUBSEQUENT TO MC-COA RECEIVING CONNECTION ADDRESS  
(E.G., TELEPHONE NUMBER) FOR TERMINAL C FROM TERMINAL A,  
ASSOCIATE RECEIVED CONNECTION ADDRESS  
(E.G., TELEPHONE NUMBER) WITH A CORRESPONDING NON-MEDIA  
-TRANSPORT-CHANNEL-SUPPORTING CONNECTION ADDRESS ON AN  
ESSENTIALLY FREE NETWORK (E.G., IP ADDRESS AND/OR AN INSTANT  
MESSAGING SERVICE IDENTIFIER)

ONE OR MORE  
ESSENTIALLY FREE (I.E., VERY  
LOW COST) POTENTIAL NETWORK  
CONNECTIONS HAVING PROPERTIES  
INSUFFICIENT TO SERVE AS MEDIA  
TRANSPORT CHANNELS (E.G.,  
CONNECTIONS ESTABLISHED UTILIZING  
INTERNET PROTOCOL WANS SUCH  
AS THE INTERNET) TO WHICH COA-C  
PROGRAM IS ALWAYS  
"LISTENING"

154  
A

132  
USER C CLIENT  
APPLICATION  
PROGRAM

133  
MEDIA TRANSPORT PART OF  
TERMINAL ENTITY C (TALKS  
TO MULTIPOINT CONTROLLER)

135  
SIGNALING PART OF  
TERMINAL ENTITY C

134  
HUMAN "C"  
MERELY USING  
COMPUTER NOT  
PARTICIPATING IN  
CONFERENCE CALL

FIG. 9B

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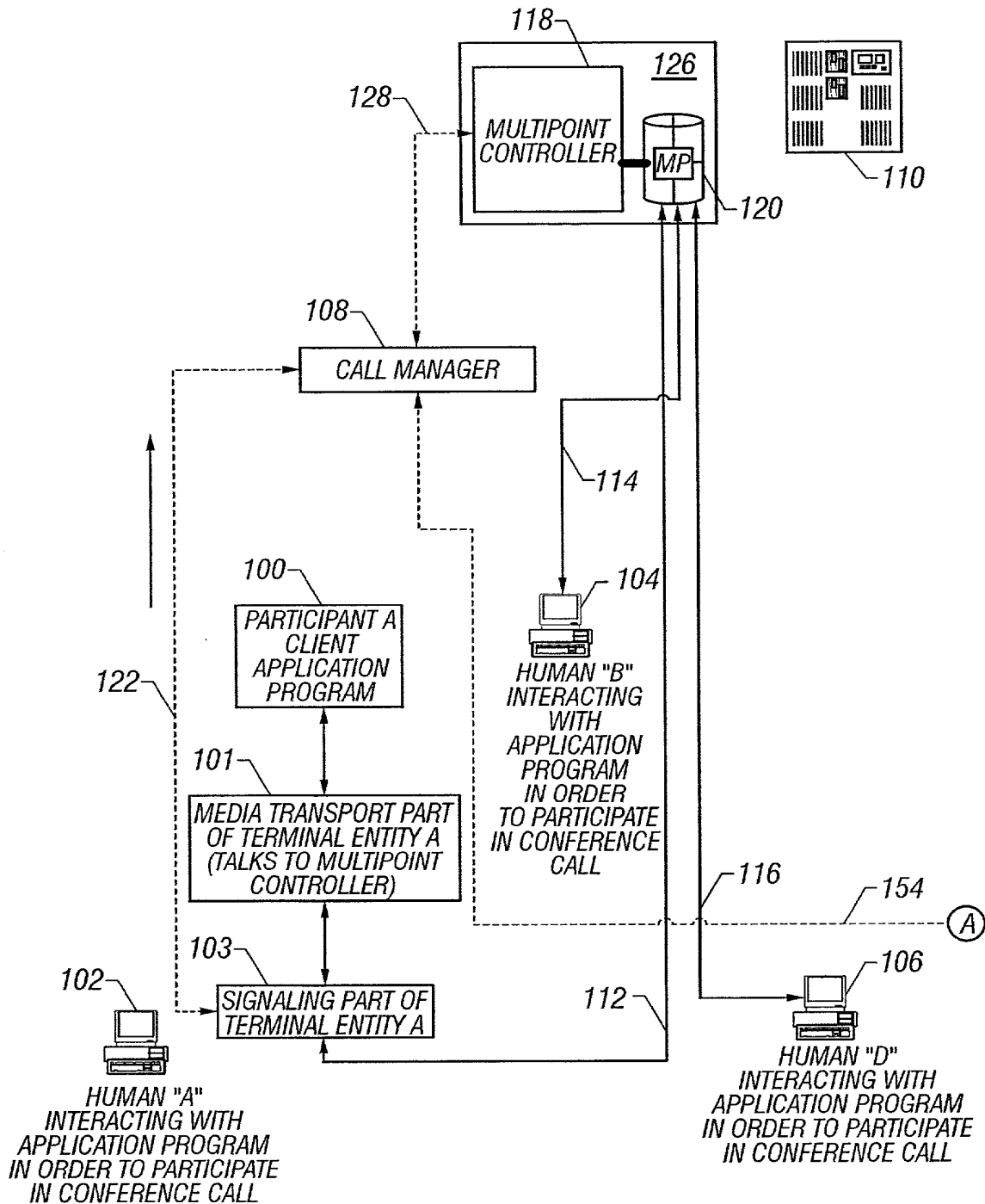


FIG. 10A

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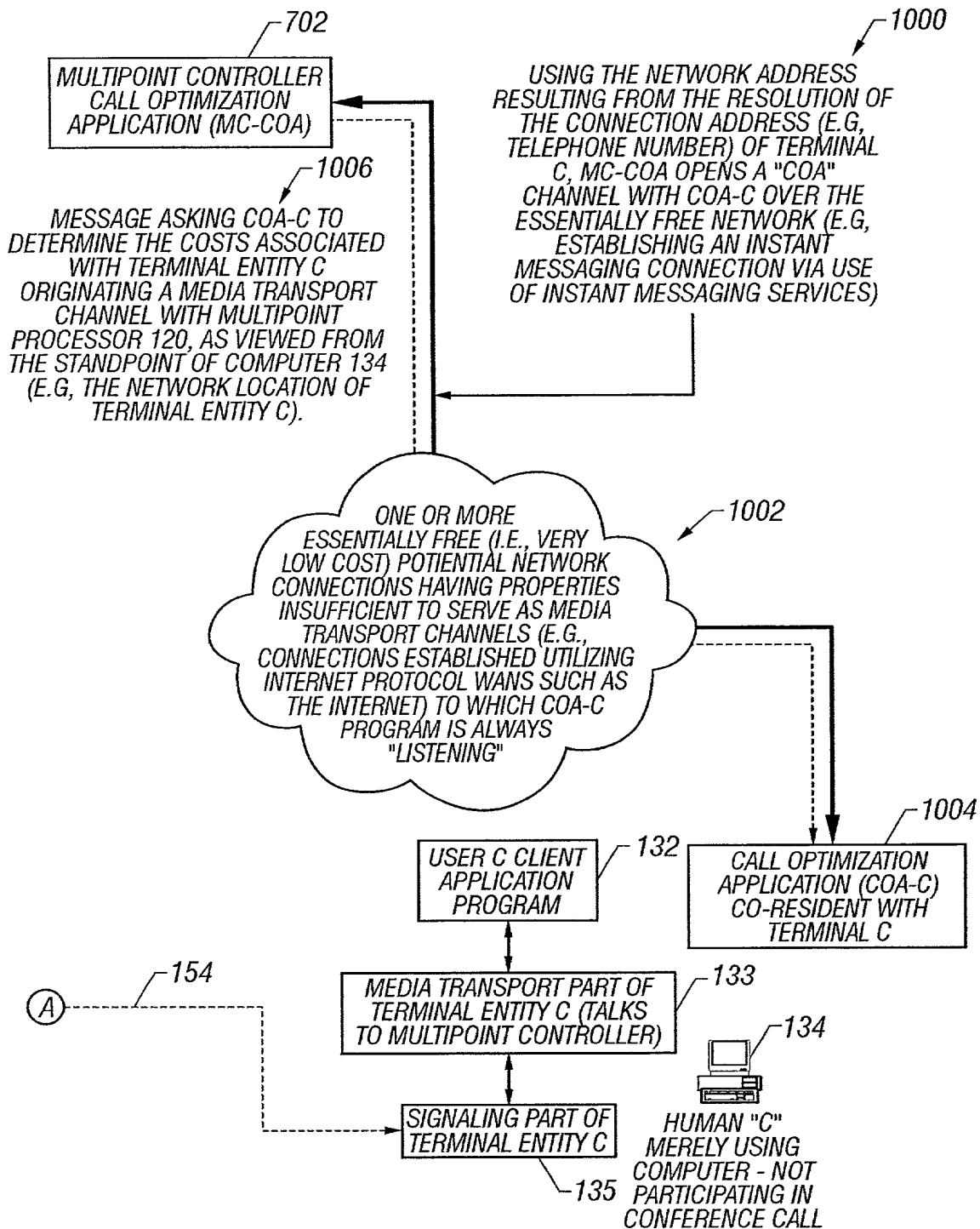
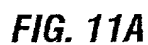


FIG. 10B

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**FIG. 11A**



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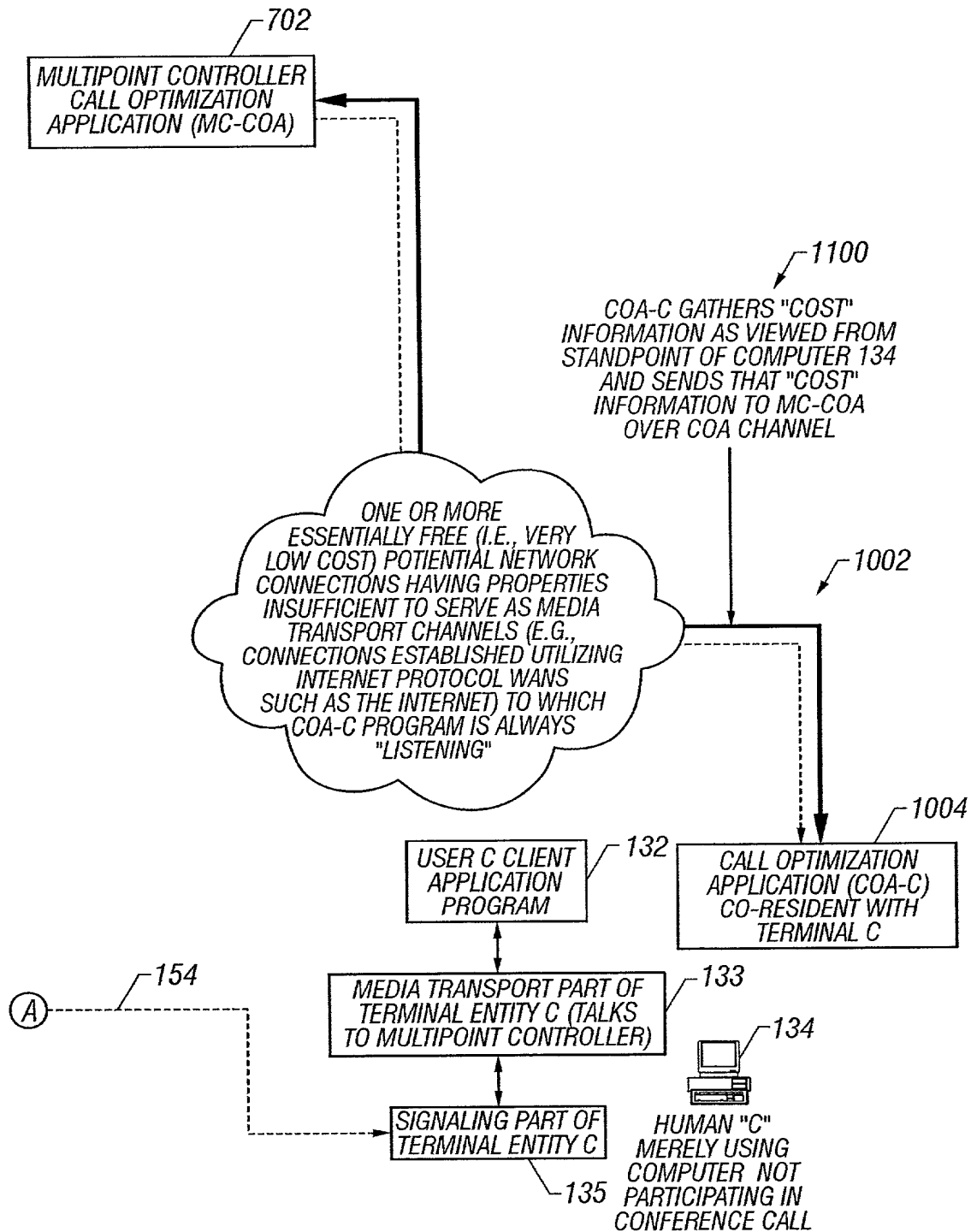
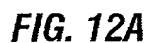
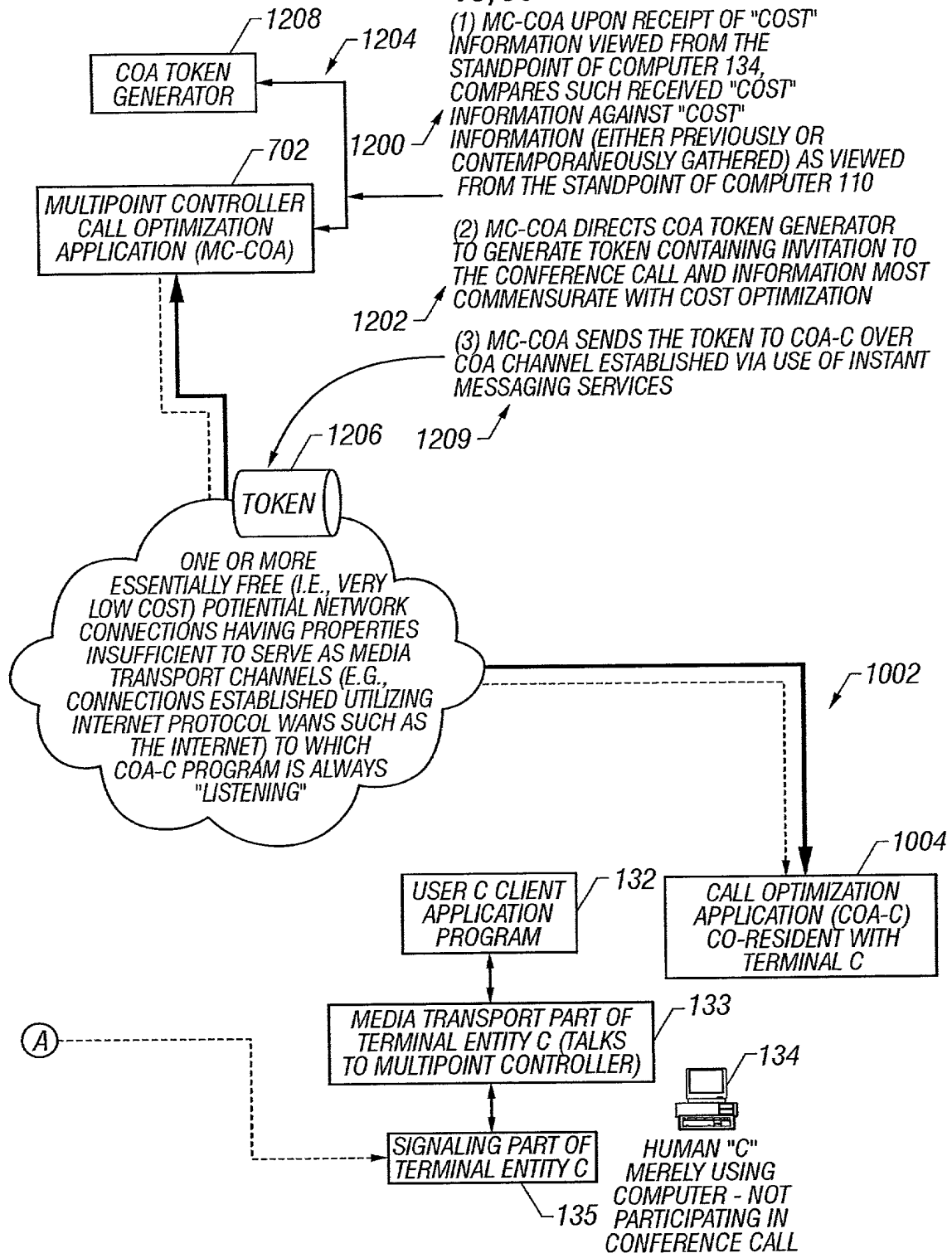


FIG. 11B

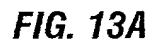


**FIG. 12A**

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**FIG. 12B**



**FIG. 13A**

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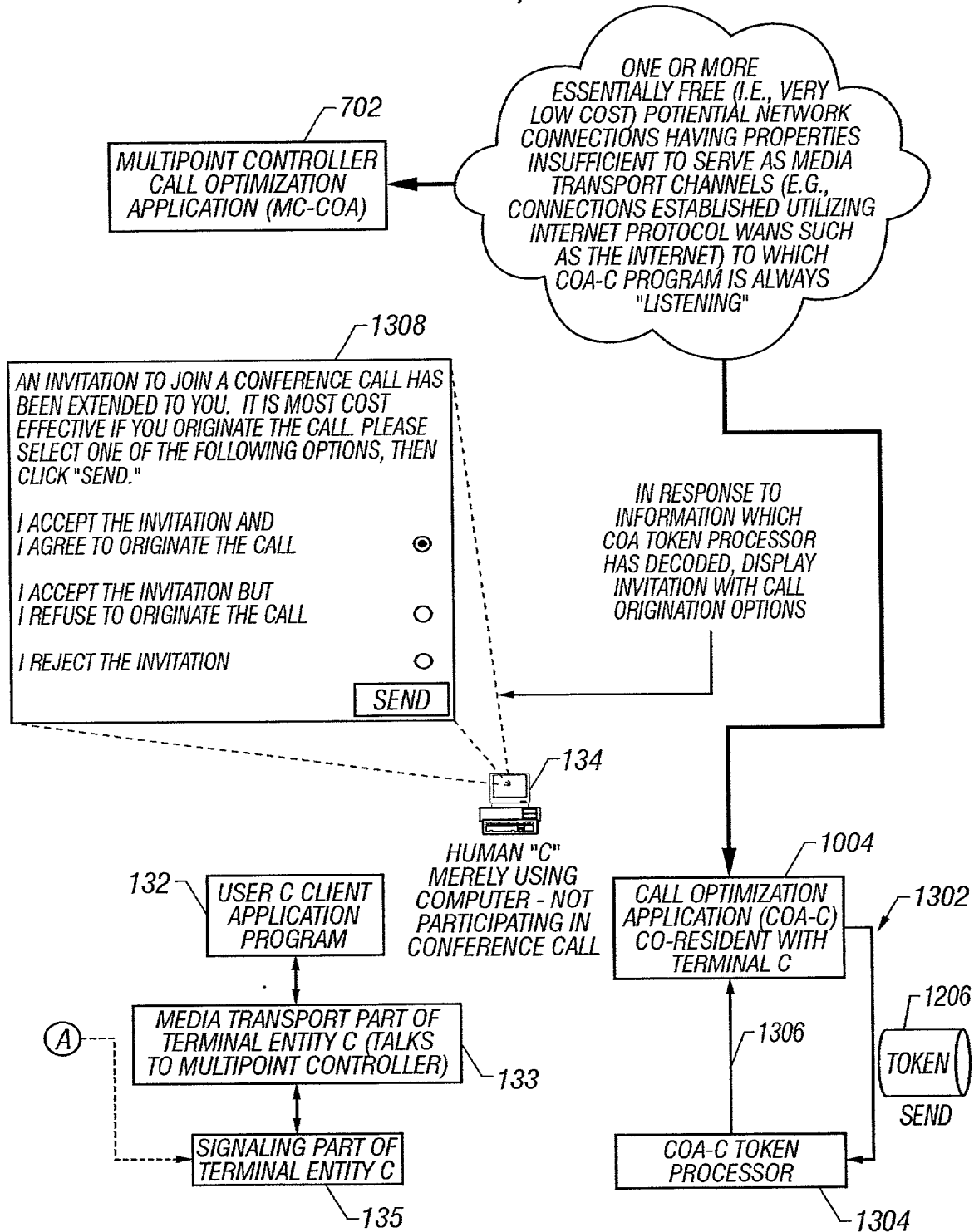


FIG. 13B

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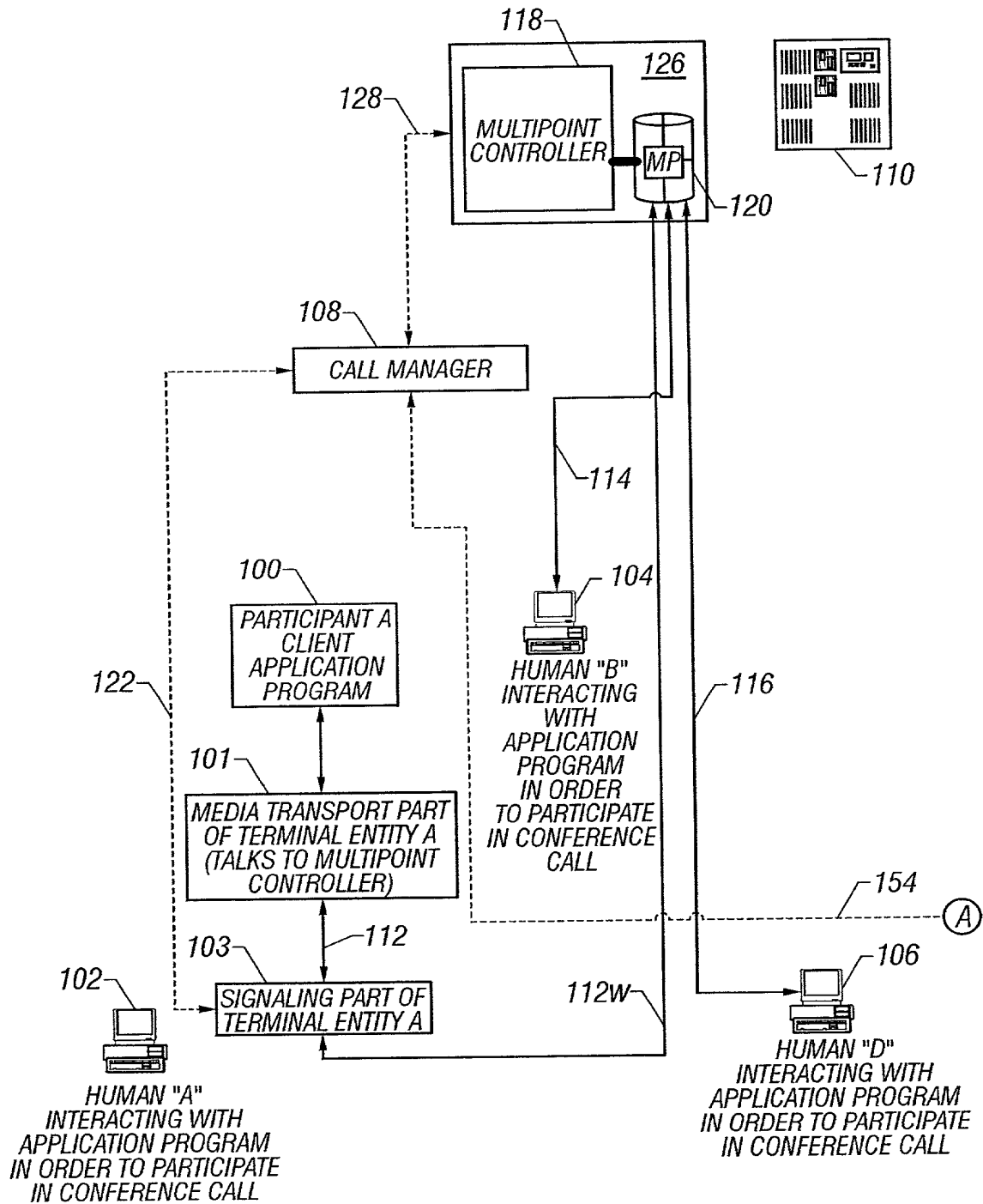


FIG. 14A

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COA-C SENDS BACK, OVER COA CHANNEL, THE COA TOKEN MODIFIED TO INDICATE WHEN HUMAN USER C HAS SELECTED IN THE WAY OF INVITATION ACCEPTANCE REJECTION AND COST OPTIMIZATION AS PRESENTED IN THE COA TOKEN ORIGINALLY SENT TO COA-C

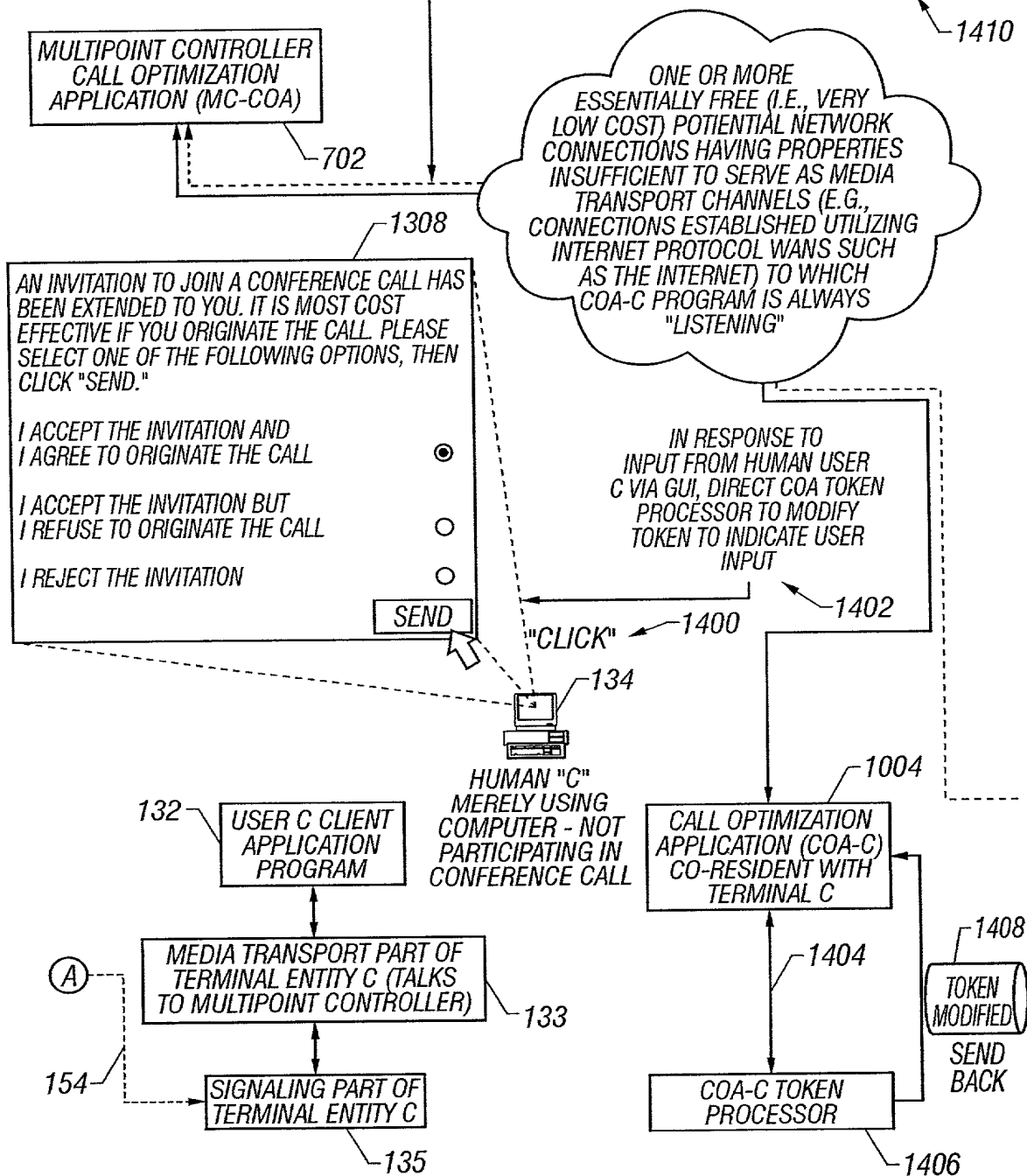
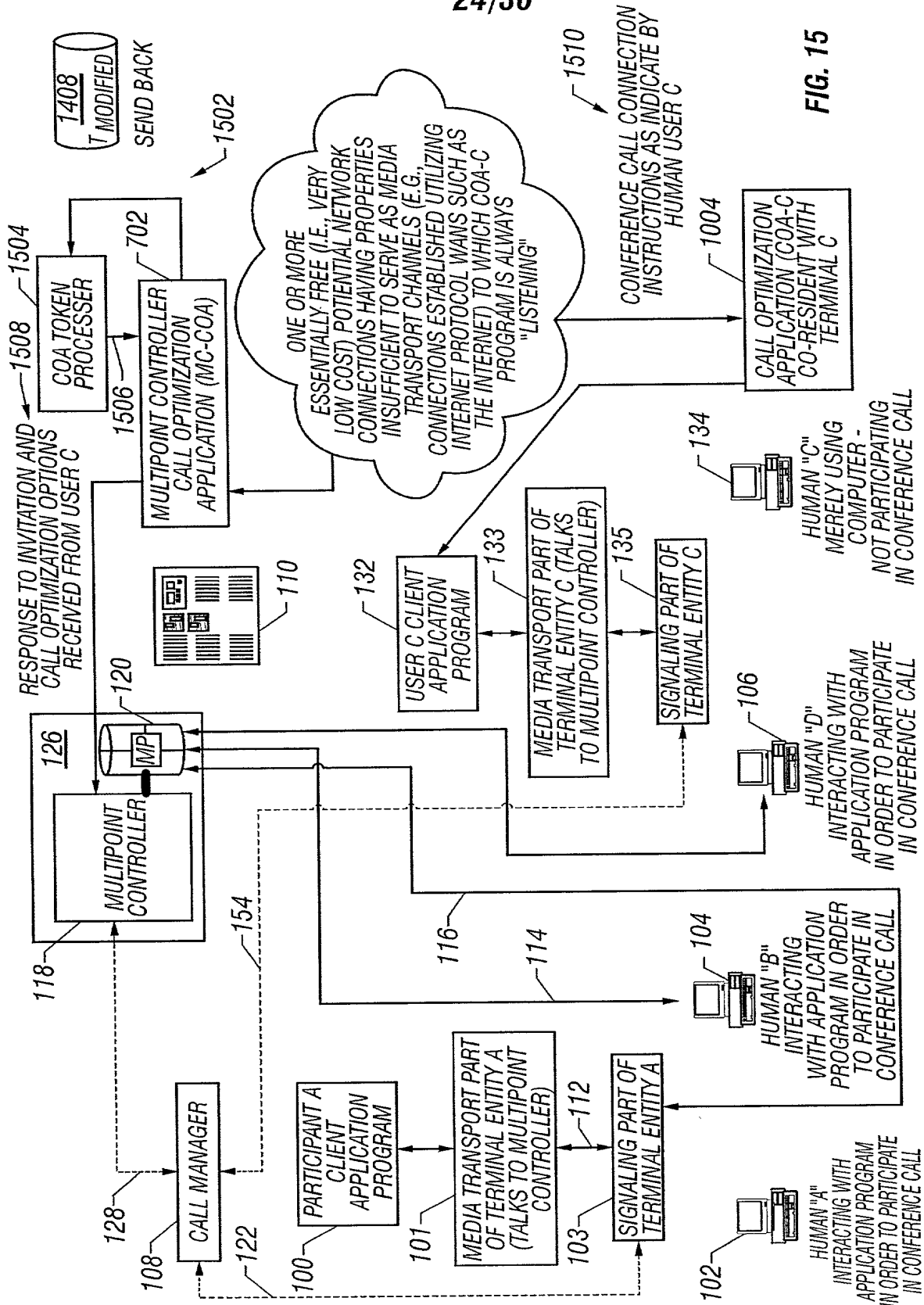


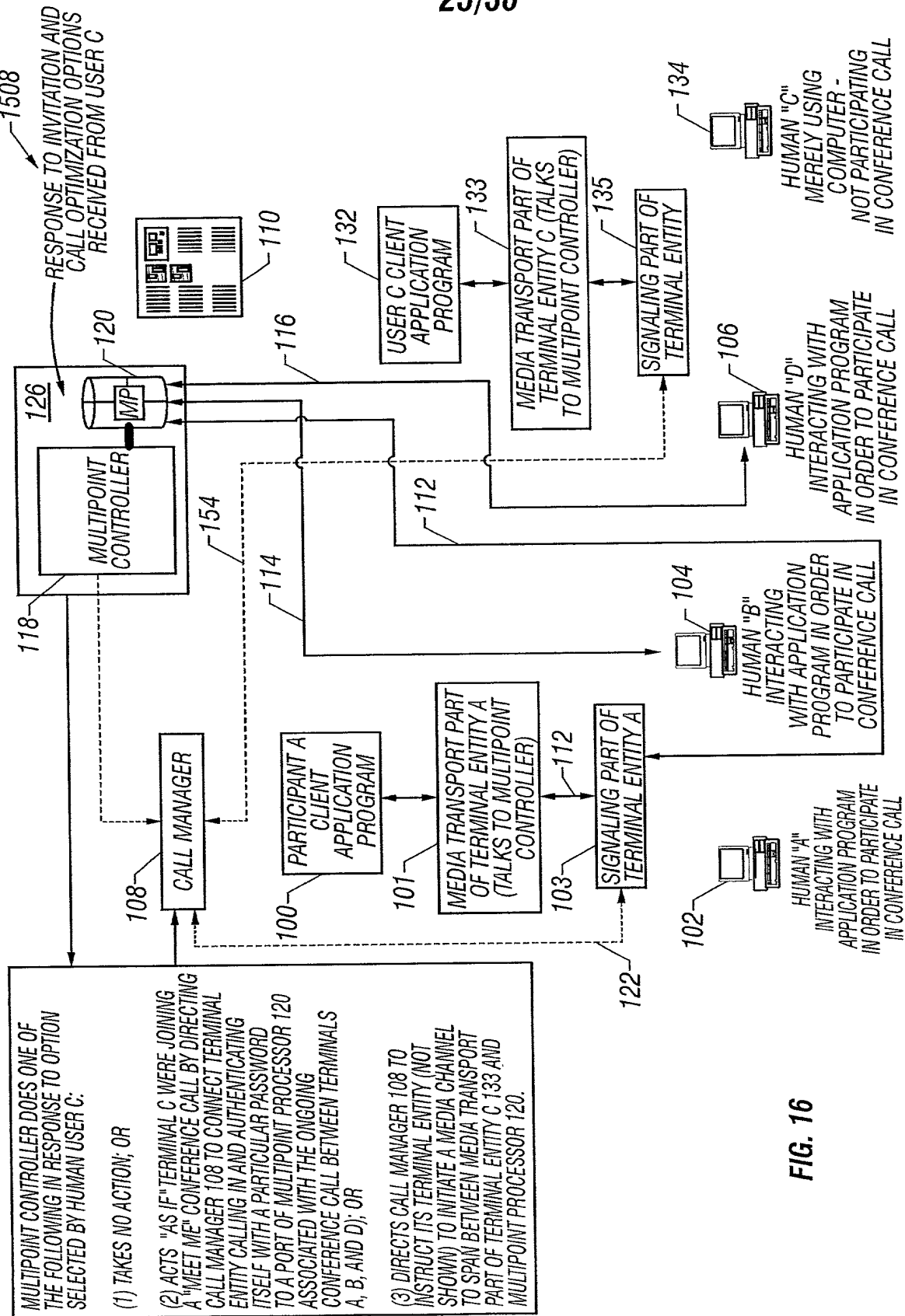
FIG. 14B

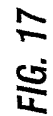
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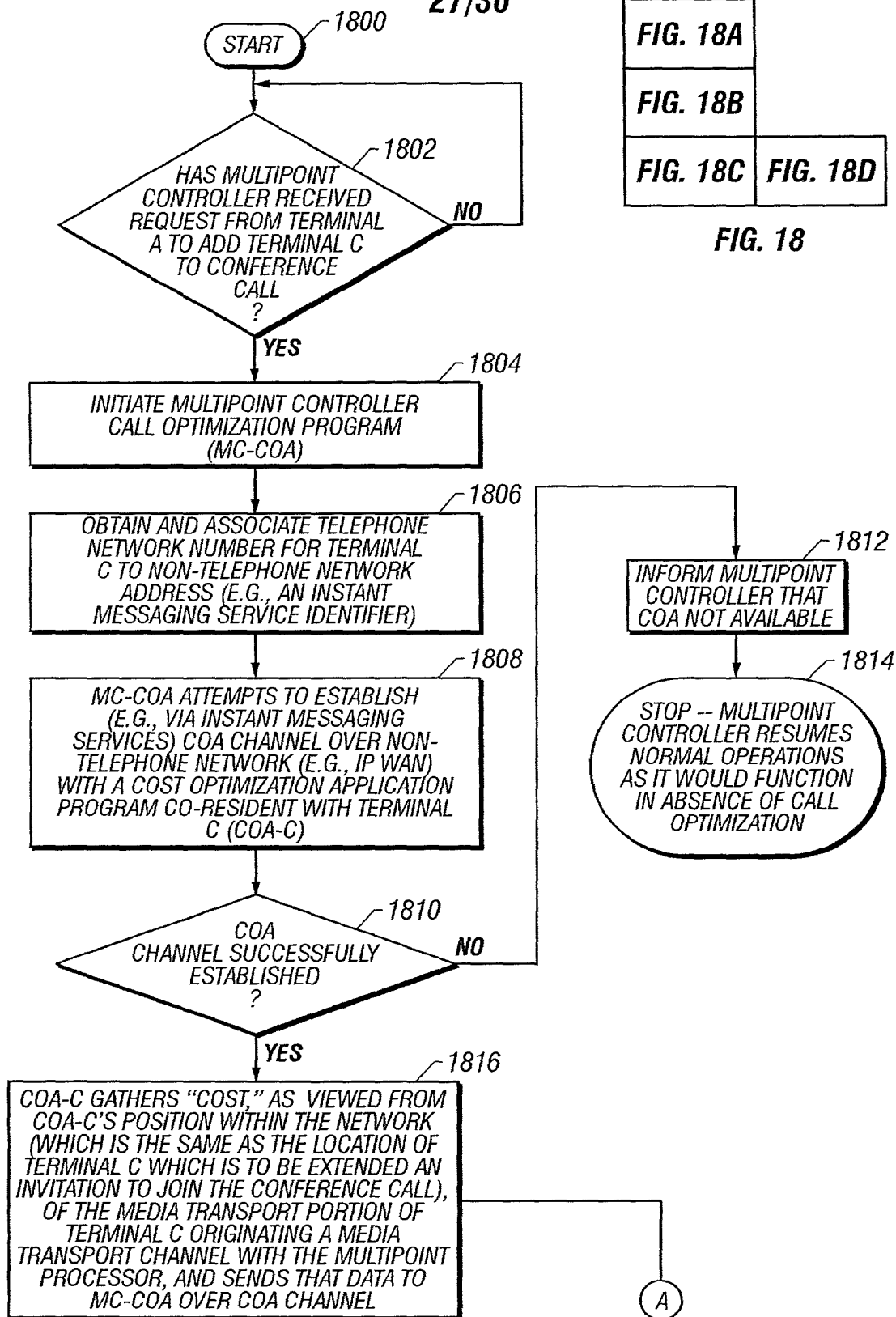
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**FIG. 17**

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**FIG. 18A**

**FIG. 18B**

**FIG. 18C**

**FIG. 18D**

**FIG. 18**

**FIG. 18A**

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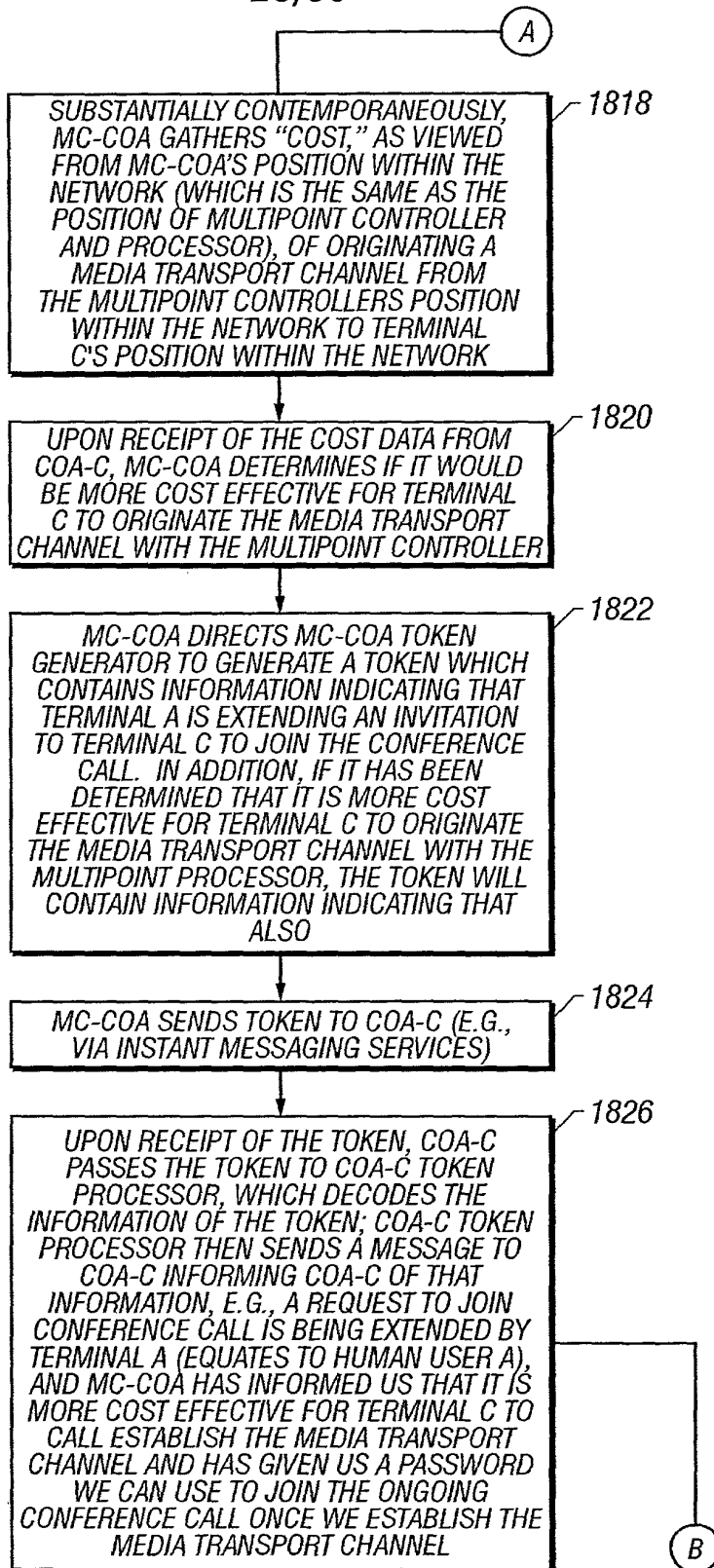


FIG. 18B

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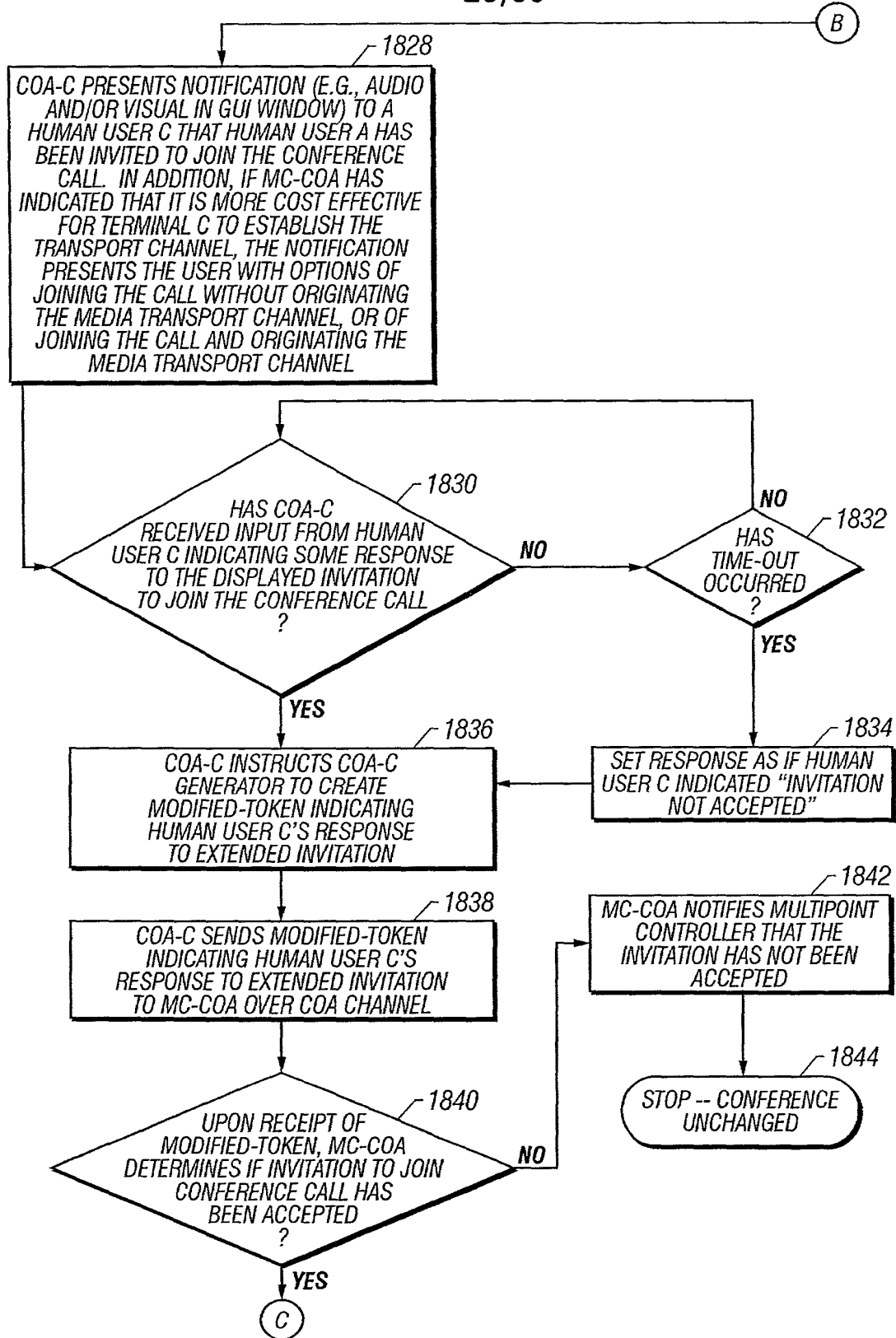


FIG. 18C

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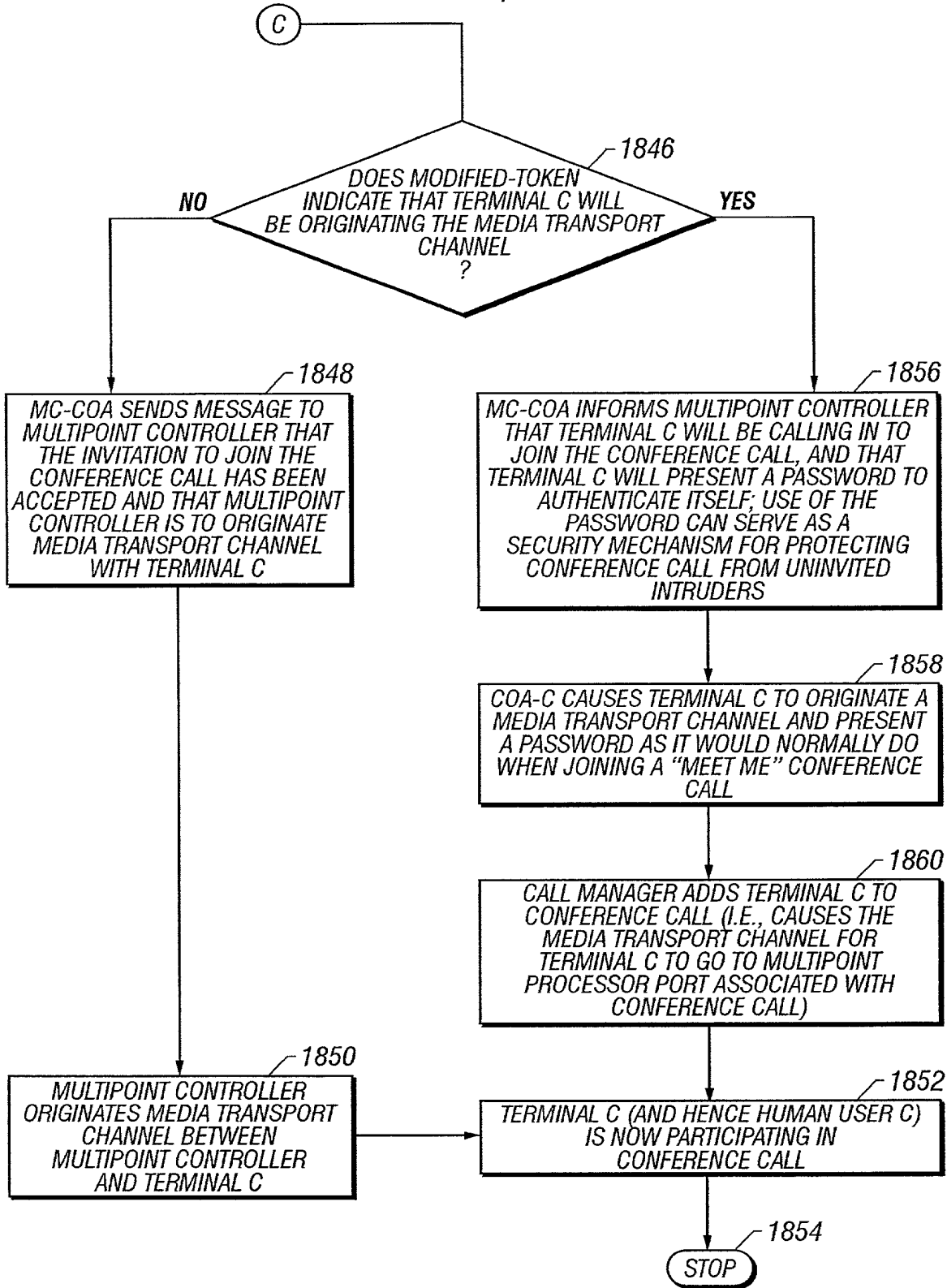


FIG. 18D